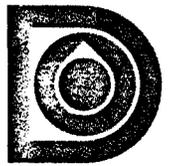


DAVIS OIL COMPANY

410 - 17TH STREET, SUITE 1400
DENVER, COLORADO 80202
TELEPHONE: 303-623-1000



NEW YORK
NEW ORLEANS
HOUSTON
TULSA

October 9, 1979

Mr. Jerry Long
U. S. G. S.
Oil and Gas Division
701 Camino Del Rio
Federal Building
Durango, Co. 81301

Re: #1 KD Federal
SE SW Sec. 10-T40S-R22E
San Juan County, Utah

Dear Mr. Long:

Enclosed please find for your approval, an original and two copies of the Application for Permit to Drill, together with three copies of the Staking Plat covering the drilling of the captioned proposed test. You will also find enclosed for your files, three copies of the Designation of Operator from William C. Kirkwood.

By carbon copy of this letter to Mr. Cleon B. Feight, we are furnishing him with a copy of our application and plat.

Your early attention to the approval of said application will be appreciated.

Very truly yours,

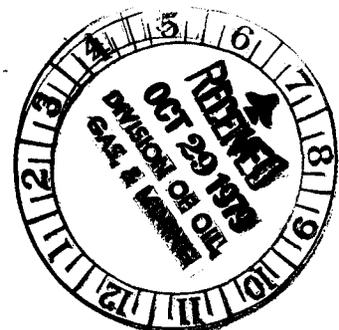
DAVIS OIL COMPANY

Florence Dufour
Florence Dufour
Geological Secretary

/fd

Enclosures

cc: ✓ Mr. Cleon B. Feight
Department of Natural Resources
Division of Oil and Gas
1588 W. North Temple
Salt Lake City, Utah 84116



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Davis Oil Company

3. ADDRESS OF OPERATOR
 410 Seventeenth Street - Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface SE SW Sec. 10-T40S-R22E 1800' FWL & 660' FSL
 At proposed prod. zone 1906 547

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 4 Miles SW of Bluff, Wyoming

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 660' S

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 None

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4835' GR Est.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#, K55, STC, New,	0-350'	200 sxs. Est.
7 7/8"	5 1/2"	15.5#, K55, ITC, New,	0-5925'	300 sxs. Est.

(SEE TEN POINT PROGRAM)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Eugene Sungy TITLE Geologist DATE October 9, 1979
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

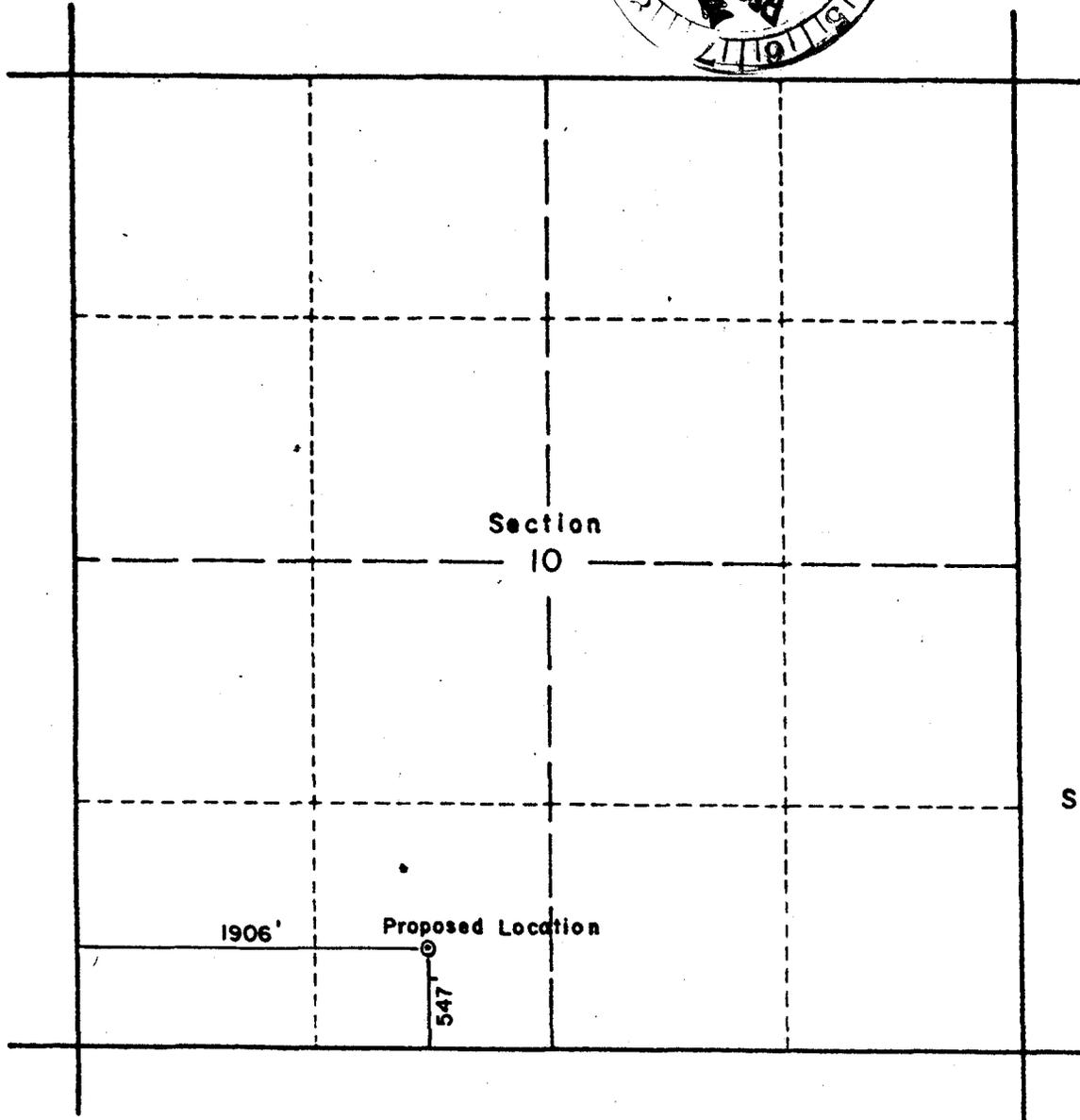
5. LEASE DESIGNATION AND SERIAL NO.
 41695
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

 7. UNIT AGREEMENT NAME

 8. FARM OR LEASE NAME
 K D Federal
 9. WELL NO.
 #1
 10. FIELD AND FOOT OR WILDCAT
 Broken Hills
 11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA
 10-T40S-R22E
 12. COUNTY OR PARISH
 San Juan
 13. STATE
 Utah



*Deepen
flow*



Scale: 1" = 1000'

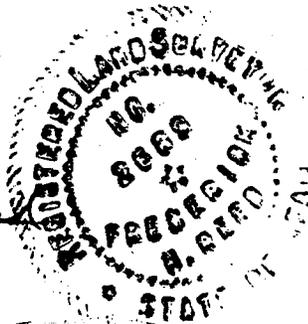
WELL LOCATION: DAVIS OIL COMPANY K.D. FEDERAL NO. 1

Located 547 feet North of the South line and 1906 feet East of the West line of Section 10
Township 40 South Range 22 East Salt Lake Base & Meridian
San Juan Co., Utah
Existing ground elevation determined at 4835 feet based on Adjacent Locations

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Frederick H. Reed

FREDERICK H. REED
Registered Land Surveyor



DAVIS OIL COMPANY Rock Springs, Wyoming	
WELL LOCATION PLAT K.D. Federal No. 1 Sec. 10, T40S, R22 E San Juan Co., Utah	

CLARK - REED & ASSOC.
Durango, Colorado

DATE: OCT. 19, 1979
FILE NO: 2000

TEN POINT PROGRAM

1) SURFACE FORMATION: Morrison.

2 & 3) ESTIMATED TOPS: (Water, Oil, Gas or Mineral bearing formations)

Morrison	Surface	
Navajo ss	800'	Brackish water.
Kayenta	1270'	No porosity - tite.
Wingate ss	1380'	Brackish water.
Chinle Fm.	1759'	No porosity - tite.
Shinarump	2510'	No porosity - tite.
De Chelly	2810'	Saltwater
Honaker Trail	3812'	Salter were porous.
Ismay	5592'	Possible oil productive.
Lower Ismay	5702'	Possible oil productive.
Desert Creek	5812'	Possible oil productive.
Total Depth	5925'	

4) CASING PROGRAM: 12 1/4", 8 5/8", 24#, K55, STC, New, 0-350', 200 sxs. Est.
7 7/8", 5 1/2", 15.5#, K55, LTC, New, 0-5925', 300 sxs. Est.

5) PRESSURE CONTROL EQUIPMENT: (See attached schematic diagram) BOP's and choke manifold will be installed and pressure tested before drilling out under surface casing and the well will be checked daily as to mechanical operating condition.

6) MUD PROGRAM: 0-350' Spud Mud
350-2000' Treated Water
2000-5925' LSND, 9.0-9.5 ppg (Mud wt. as required to control formation pressure) Vis 26-45, Less 25 cc WL, pH 9-11.

Sufficient mud materials to maintain mud properties and to control minor lost circulation and blowout problems shall be maintained to wellsite.

7) AUXILLIARY EQUIPMENT:

- 1) Kelly Cock:
- 2) Drill Pipe Float (Except for lost circulation drilling conditions)
- 3) Monitoring of Mud System will be visual unless otherwise specified.
- 4) A sub on the floor with a full opening valve to be stabbed into drill pipe when Kelly is not in the string.

8) LOGGING: Dual Induction - SFL from base of surface casing to total depth.
Compensated Neutron-Formation Density over zones of interest.
Borehole Compensated Sonic Log from base of surface casing to total depth.

CORING: No cores.

TESTING: Possible DST of Lower Ismay.

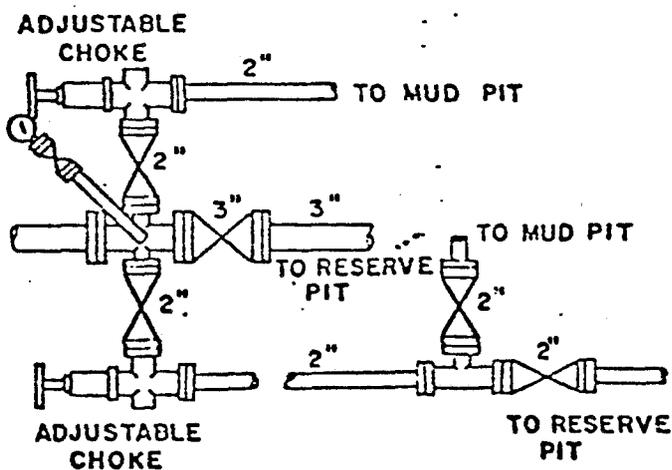
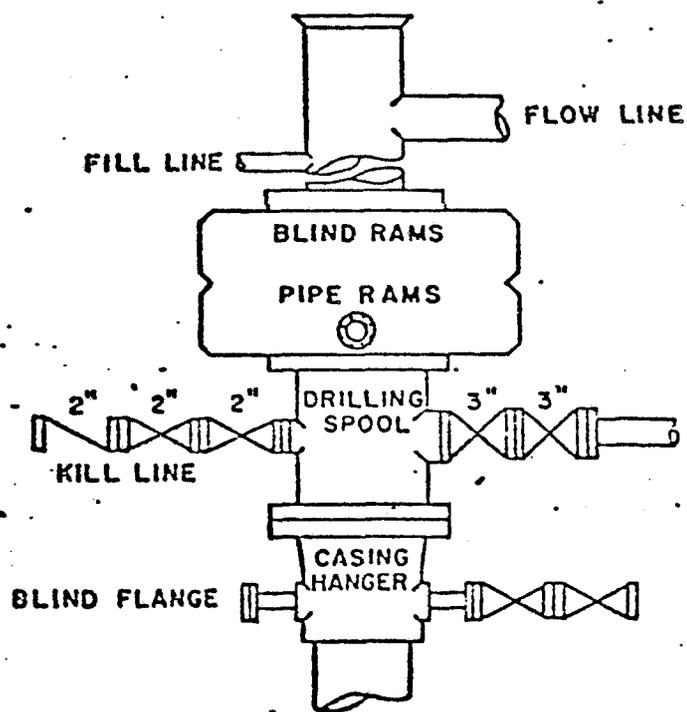
STIMULATION: Desert Creek - approx. 40,000 gal 28% HCl.

Actual volume of treatment will be dependent upon thickness of pay and evaluation of zone of interest.

9) ABNORMAL PRESSURE: This firm does not anticipate any abnormal pressures or temperatures or any other hazards. This is based on previous geologic data from nearby wells.

ESTIMATED BOTTOMHOLE PRESSURE: 3500 psi

- 10) ANTICIPATED STARTING DATE: Within 30 to 45 days from date of Government approval.
DURATION OF OPERATION: 20-30 days Four Corners

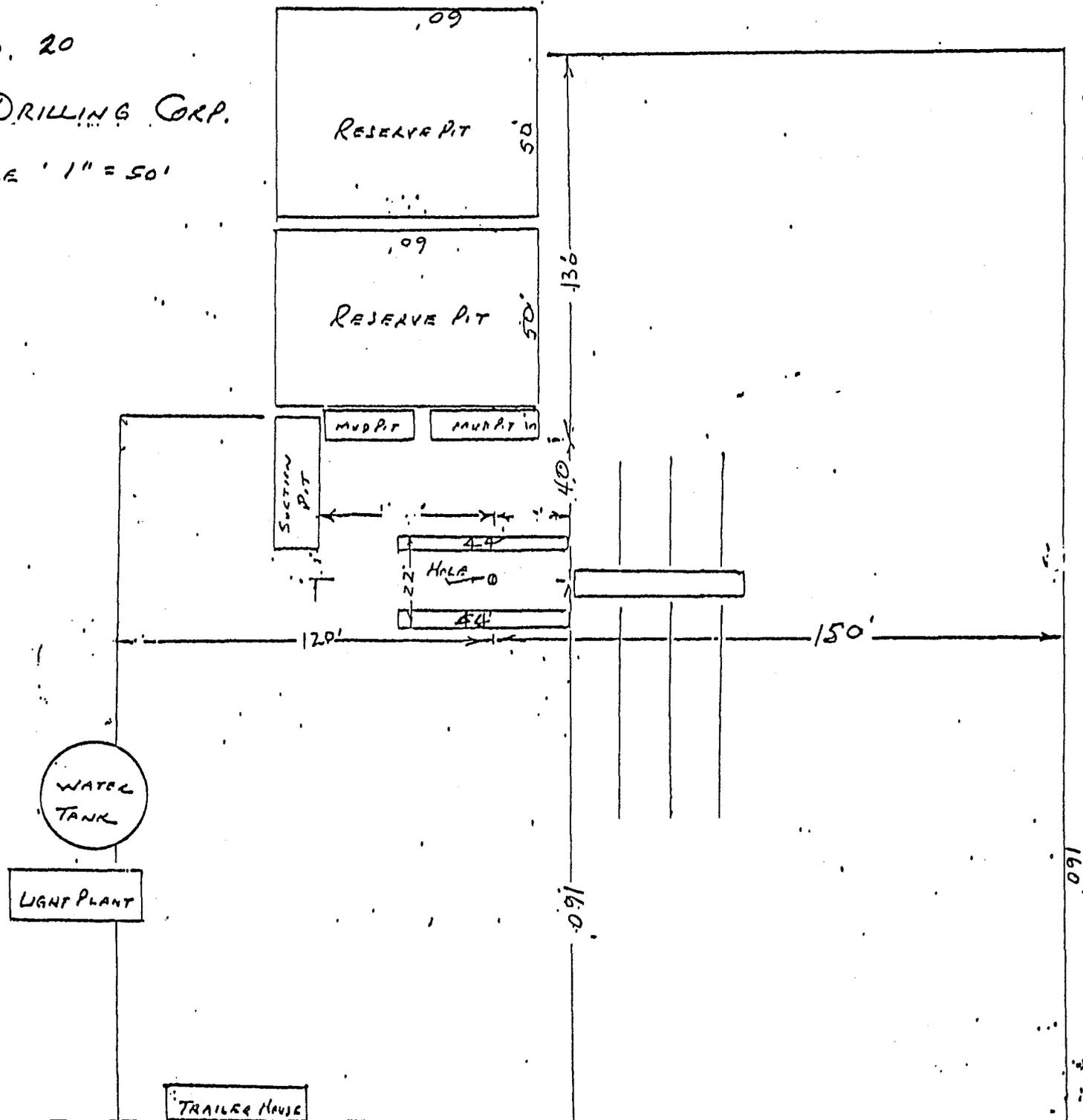


12" 900 Series Shaffer type 48

RIG. No. 20

CACTUS DRILLING CORP.

APPROX SCALE ' 1" = 50'



** FILE NOTATIONS **

DATE: November 1, 1979

Operator: Davis Oil Company

Well No: K D Federal #1

Location: Sec. 10 T. 40S R. 22E County: San Juan

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-037-30515

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: J

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 185-1 10/24/79

O.K. Rule C-3

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site

Lease Designation 3rd

Plotted on Map

Approval Letter Written

utm

#3

hl
PL

November 1, 1979

Davis Oil Company
410 17th Street
Denver, Colorado 80202

Re: Well No. K D Federal #1
Sec. 10, R. 40S, R. 22E.,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued In Cause No. 185-1 dated October 28, 1979.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30515.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/b:tm

cc: USGS



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY - MUD LOGGING

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81501

February 14, 1980

DAVIS OIL CO.
410 17th STREET, SUITE 1400
DENVER, COLORADO 80202

Gentlemen:

Enclosed is the final log on #1 K.D. Federal well, located in
SESW SEC. 10, T40S, R22E, San Juan County, Utah, which our
logging unit just completed.

We have appreciated the opportunity of serving you. If we can
be of any assistance in the final evaluation of zones encountered,
please feel free to call on us.

Sincerely,

Lana Lackey Fergeson
Assistant Manager

LLF/11f

Enc: 1 log

XXC: Sinclair Oil, Denver, Colo., 2 logs
William C. Kirkwood, Casper, Wyoming, 1 log
ENI Exploration, Bellevue, Washington, 1 log
R.F. Bailey, Midland, Texas, 1 log
Carl Barrick, USGS, 2 logs
Bonnie Melendez, Utah State Oil & Gas Comm., 2 logs

RECEIVED

FEB 19 1980

DIVISION OF
OIL, GAS & MINING



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY - MUD LOGGING

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81501

February 14, 1980

DAVIS OIL CO.
410 17th STREET, SUITE 1400
DENVER, COLORADO 80202

Gentlemen:

Enclosed is the final log on #1 K.D. Federal well, located in
SESW SEC. 10, T40S, R22E, San Juan County, Utah, which our
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We have appreciated the opportunity of serving you. If we can
be of any assistance in the final evaluation of zones encountered,
please feel free to call on us.

Sincerely,

Lana Lackey Fergeson
Assistant Manager

LLF/11f

Enc: 1 log

XXC: Sinclair Oil, Denver, Colo., 2 logs
William C. Kirkwood, Casper, Wyoming, 1 log
ENI Exploration, Bellevue, Washington, 1 log
R.F. Bailey, Midland, Texas, 1 log
Carl Barrick, USGS, 2 logs
Bonnie Melendez, Utah State Oil & Gas Comm., 2 logs

RECEIVED

FEB 19 1980

DIVISION OF
OIL, GAS & MINING

DAVIS OIL COMPANY 110 -- 17TH STREET, SUITE 1400
DENVER, COLORADO 80202
TELEPHONE: 303-623-1000

NEW YORK
NEW ORLEANS
HOUSTON
TULSA



February 18, 1980

Mr. Carl Barrick
U. S. G. S.
Federal Bldg. 701
Camino Del Rio, Durango 80301

Re: #1 K.D. Federal
SE SW Sec. 10 T40S-R22E
San Juan County, Utah

Dear Mr. Barrick:

Enclosed please find for your approval, an original and two copies
of the Notice of Intention to Abandon on the above captioned well.

Very truly yours,

DAVIS OIL COMPANY


Becky Creel
Geological Secretary

/bc

Enclosures

✓ cc: Utah Oil & Gas Commission

RECEIVED

FEB 21 1980

DIVISION OF
OIL, GAS & MINING

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other **DRY HOLE**

2. NAME OF OPERATOR
Davis Oil Company

3. ADDRESS OF OPERATOR
410 Seventeenth Street, Suite 1400, Denver, Co

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: **SE SW Sec. 10 T40S-R22E**
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: **1906' FWL & 547' FSL**

5. LEASE
U-41695

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
K.D. Federal

9. WELL NO.
#1

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10 T40S-R22E

12. COUNTY OR PARISH | 13. STATE
San Juan | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4835' GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>		<input type="checkbox"/>
(other)			

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
NOTE: Report details of multiple completion or zone change on Form 9-350.

DATE: _____

BY: _____

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As per verbal instructions by the U.S.G.S., the subject well will be plugged as follows:

- 29 sxs. 6005-5905'
- 29 sxs. 5780-5680'
- 29 sxs. 4594-4494'
- 29 sxs. 3470-3370' Drilling mud between plugs.
- 29 sxs. 1630-1530'
- 29 sxs. 710-610'
- 29 sxs. 400' up in casing

The location will be cleared and leveled off, pits backfilled and a regulation dry hole marker will be erected. No significant shows were encountered.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Ed Lafaye TITLE Chief Geologist DATE _____

(This space for Federal or State office use)

RECEIVED

APPROVED BY _____ TITLE _____ DATE **FEB 21 1980**

CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF
OIL, GAS & MINING

NEW YORK
NEW ORLEANS
HOUSTON
TULSA

February 22, 1980

Mr. Carl Barrick
U. S. G. S.
Federal Bldg. 701
Camino Del Rio
Durango, Colo. 80301Re: #1 K.D. Federal
SE SW Sec. 10 T40S-R22E
San Juan, Utah

Dear Mr. Barrick:

Enclosed please find for your approval, an original and two copies of the Subsequent Report of Abandonment on the above captioned well.

You will also find enclosed for your files, an original and one copy of the Well Completion Report and two copies of the Geological Report.

Your early attention to the approval of said Subsequent Report of Abandonment will be appreciated.

Very truly yours,

DAVIS OIL COMPANY

Becky Creel
Geological Secretary

/bc.

Enclosures

cc: Utah Oil & Gas Commission

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other DRY HOLE

2. NAME OF OPERATOR
Davis Oil Company

3. ADDRESS OF OPERATOR
410 Seventeenth Street, Suite 1400, Denver, Co

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SE SW Sec. 10 T40S-R22E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: 1906' FWL & 547' FSL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input checked="" type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As per verbal instructions by the U. S. G. S., the subject well has been plugged as follows.

- 29 sx. 6005-5905'
- 29 sx. 5780-5680'
- 29 sx. 4594-4494'
- 29 sx. 3470-3370' Drilling mud between plugs.
- 29 sx. 1630-1530'
- 29 sx. 710- 610'
- 29 sx. 400' up in casing

However, no reclamation has been accomplished. Your office will be notified when the location is ready for inspection. No significant shows were encountered.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Ed Lafave TITLE Chief Geologist DATE 2-22-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE U-41695
6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
7. UNIT AGREEMENT NAME ---
8. FARM OR LEASE NAME K.D. Federal
9. WELL NO. #1
10. FIELD OR WILDCAT NAME Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10 T40S-R22E
12. COUNTY OR PARISH San Juan
13. STATE Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4835' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

GEOLOGICAL REPORT
DAVIS OIL COMPANY
#1-KD FEDERAL
SAN JUAN COUNTY, UTAH

RECEIVED

FEB 25 1980

DIVISION OF
OIL, GAS & MINING

Certified Professional
Geologist

This well ran 16' low to the #1 Nathan Fee in NW/NE Section 16, T40S-R22E, San Juan County, Utah, using the base of the Lower Ismay as a structural reference point and a K.B. elevation of 4846'.

The well was evaluated by: (1) a geologist in the field, (2) a mud logging unit, (3) one drill stem test, and (4) electrical surveys. All data indicate the well to be nonproductive of hydrocarbon.

A drill stem test was run in the Upper Ismay from 5706'-5726', based on a 28 unit deflection on the hotwire and traces of C₁ thru C₄ on the chromatograph. The recovery was 26' of drilling mud with very low pressures.

There were several shows on the instruments but no show in the samples. These gas shows came in at the following intervals: 5410', 5730', 5765', 5790', 5825', 5840', 5850', 5865', and 5958'. Those depths are drillers depths and are not even close to wire line depths. Also, the rig experienced continual pump trouble thru these intervals and the hole stood dead for 45 minutes to 1 hour at each entry.

Schlumberger ran the following electrical surveys: Dual Induction, Compensated Neutron Formation Density, and Borehole Compensated Sonic Log.

* This well was P & A on February 13, 1980.

DRILL STEM TEST DATA - Halliburton Testers

D.S.T. #1: 5706'-5726' (20') Upper Ismay

TOP CHART

I.H.H.	:	2837	
I.F.P.	:	13.5-13.5	15"
I.S.I.P.	:	27	90"
F.F.P.	:	27-27	60"
F.S.I.P.	:	27	180"
F.H.H.	:	3326	

BOTTOM CHART

I.H.H.	:	2876	
I.F.P.	:	27-27	15"
I.S.I.P.	:	40	90"
F.F.P.	:	81-27	60"
F.S.I.P.	:	27	180"
F.H.H.	:	3039	
B.H.T.	:	120°F.	

Recovered 26' drilling mud and 2000 cc drilling mud in bottom hole sampler.

FORMATION TOPS:

<u>Formation</u>	<u>Depth</u>	<u>Structural Datum</u>
Navajo	762'	+4073
Wingate	1382'	+3453
Chinle	1682'	+3153
Shinarump	2595'	+2306
DeChelly	2770'	+2065
Cutler	3518'	+1317
Honaker Trail	7640'	+ 195
Ismay	5668'	- 833
Lower Ismay	5782'	- 947
Base/Lower Ismay	5824'	- 989*
Desert Creek	5870'	-1035
Akah	6006'	-1171
Total Depth	6055'	-1220

*Structural Control Datum

ELECTRICAL SURVEY VALUES:ISMAY

Average Porosity	4%
Average Resistivity	1000 ohms
Average S.P.	30 MV
Average Gamma Ray	30 API Units
Density/Neutron Inversions	24 feet

LOWER ISMAY

Average Porosity	6%
Average Resistivity	700 ohms
Average S.P.	20 MV
Average Gamma Ray	25 API Units
Density/Neutron Inversions	6 feet

DESERT CREEK

Average Porosity	8%
Average Resistivity	70 ohms
Average S.P.	40 MV
Average Gamma Ray	30 API Units
Density/Neutron Inversions	12 feet

DAVIS OIL COMPANY

410 - 17TH STREET, SUITE 1400
DENVER, COLORADO 80202
TELEPHONE: 303-623-1000

NEW YORK
NEW ORLEANS
HOUSTON
TULSA



February 22, 1980

Mr. Carl Barrick
U. S. G. S.
Federal Bldg. 701
Camino Del Rio
Durango, Colo. 80301

Re: #1 K.D. Federal
SE SW Sec. 10 T40S-R22E
San Juan, Utah

Dear Mr. Barrick:

NOT APPROVED - See attached letter

Enclosed please find for your approval, an original and two copies of the Subsequent Report of Abandonment on the above captioned well.

You will also find enclosed for your files, an original and one copy of the Well Completion Report and two copies of the Geological Report.

Your early attention to the approval of said Subsequent Report of Abandonment will be appreciated.

Very truly yours,

DAVIS OIL COMPANY

Becky Creel
Geological Secretary

/bc

Enclosures

✓cc: Utah Oil & Gas Commission

RECEIVED

FEB 25 1980

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R3556.

14

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other Dry Hole

2. NAME OF OPERATOR
Davis Oil Company

3. ADDRESS OF OPERATOR
410 Seventeenth Street, Suite 1400, Denver, Colo. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
At top prod. interval reported below SE SW Sec. 10 T40S-R22E
At total depth 1906' FWL & 547' FSL

14. PERMIT NO. -30515 DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
U-41695

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
K.D. Federal

9. WELL NO.
#1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 10 T40S-R22E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

15. DATE SPUNDED
1-23-80

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)
P&A'd 2-13-80

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*
4835' GR 4846' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6038'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
Surface to TP

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED
No

25. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

Interval	Size	Number

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) P&A'd

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

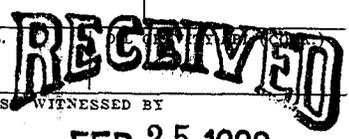
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Subsequent Report of Abandonment and Geological Report

TEST WITNESSED BY
FEB 25 1980

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Ed Lafaye TITLE Chief Geologist DIVISION OF OIL, GAS & MINING DATE 2-22-80

(See Instructions and Spaces for Additional Data on Reverse Side)



INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 16: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	DEPTH	TRUE VERT. DEPTH
DST #1	5706-5726'	(20')	
TOP CHART			
I.H.H.	2837		762'
I.F.P.	13.5-13.5	15"	1382'
I.S.I.P.	27	90"	1682'
F.F.P.	27-27	60"	2595'
F.S.I.P.	27	180"	2770'
F.H.H.	3326		3518'
BOTTOM CHART			
I.H.H.	2876		5668'
I.F.P.	27-27	15"	5782'
I.S.I.P.	40	90"	5824'
F.F.P.	81-27	60"	5870'
F.S.I.P.	27	180"	6006'
F.H.H.	3039		6055'
B.H.T.	120 ⁰		
Recovered 20' drilling mud and 2000 cc Drilling mud in bottom hole sampler		Upper Ismay	
		Navajo	
		Wingate	
		Chinle	
		Shinarup	
		DeChelly	
		Cutler	
		Honaker Trail	
		Ismay	
		Lower Ismay	
		Base/Lower Ismay	
		Desert Creek	
		Alkah	
		Total Depth	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other DRY HOLE

2. NAME OF OPERATOR

Davis Oil Company

3. ADDRESS OF OPERATOR

410 Seventeenth Street, Suite 1400, Denver, Co

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: SE SW Sec. 10 T40S-R22E

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: 1906' FWL & 547' FSL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON*
- (other)

-
-
-
-
-
-
-
-

(NOTE: Report results of multiple completion or zone change on Form 9-330.)
APPROVED BY THE DIVISION OF OIL, GAS, & MINING
DATE: **NOT APPROVED**
BY: **NOT APPROVED**

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As per verbal instructions by the U. S. G. S., the subject well has been plugged as follows.

- 29 sxs. 6005-5905'
- 29 sxs. 5780-5680'
- 29 sxs. 4594-4494'
- 29 sxs. 3470-3370'
- 29 sxs. 1630-1530'
- 29 sxs. 710- 610'
- 29 sxs. 400' up in casing

Drilling mud between plugs.

RECEIVED

FEB 25 1980

DIVISION OF OIL, GAS & MINING

However, no reclamation has been accomplished. Your office will be notified when the location is ready for inspection. No significant shows were encountered.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Ed Lafaye TITLE Chief Geologist DATE 2-22-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

SCOTT M. MATHESON
Governor

COPY



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON
Chairman

CLEON B. FEIGHT
Director

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

March 13, 1980

Davis Oil Company
410 17th Street, Suite 1400
Denver, Colorado 80202

Re: Well No. K.D. Federal #1
Sec. 10, T. 40S, R. 22E.,
San Juan County, Utah

Gentlemen:

The above referenced well appears to have been plugged and abandoned/plugged back without receiving the approval of this Division. Rule D-1, General Rules and Regulations and Rules of Practice and Procedure, "Notice of Intention to Plug and Abandon--Methods and Procedure," requires that:

(a) Before operations are commenced to plug and abandon any well drilled for the discovery of oil or gas, including any well drilled below the fresh water level, the owner or operator thereof shall give notice to the Commission of the intention to so plug and abandon such well and have the same approved. Said notice shall contain, among other things, the location of the well and when such plugging operations will commence. The notice shall be upon a form prescribed by the Commission, and shall contain all of the information requested thereon; provided however, that in cases of emergency the operator may obtain oral or telegraphic approval to plug and abandon, and of the method of plugging and abandoning the well. Within five (5) days after receiving oral or telegraphic approval, the operator shall file written notice as provided above.

(b) A dry or abandoned well must be plugged so that oil, gas, water or other substance will not migrate through the well bore from one formation to another. Unless a different method and procedure shall be approved by the Commission, the method and procedure for plugging the well shall be as follows:

- (1) The bottom of the hole shall be filled to, or a bridge shall be placed at, the top of each producing formation open to the well bore, and a cement plug not less than one hundred (100) feet in length shall be placed immediately above each producing formation open to the well bore.
- (2) A solid cement plug shall be placed from fifty (50) feet below a fresh water zone, or a 100-foot cement plug shall be centered across the top of the fresh water zone.
- (3) At least ten sacks of cement shall be placed at the surface so as to completely plug and entire hole. If more than one string of casing remains at the surface, all annuli shall be so cemented.
- (4) The interval between plugs shall be filled with heavy mud-laden fluid.
- (5) The hole shall be plugged with heavy mud up to the base of the surface string, at which point a plug of not less than fifty (50) feet of cement shall be placed.
- (6) Any perforated interval shall be plugged with cement and any open-hole porosity zone shall be adequately isolated to prevent migration of fluids.
- (7) A cement plug not less than one hundred (100) feet in length shall be centered across the casing stub if any casing is cut and pulled.

If a different rule of plugging is required under a Federal lease, it will be accepted by the Commission.

Rule D-2, "Report of Abandonment and Plugging states:

Within thirty (30) days after the plugging of any well has been accomplished, the owner or operator thereof shall file a plugging report with the Commission. The report shall give a detailed account of the manner in which the plugging work was carried out, including the nature and quantities of materials used in plugging, and the location and extent (by depths) of the plugs of different materials; records of any tests or measurements made and the amount, size and location (by depths) of casing left in the well; and statement of the volume of mud fluid used. If any attempt was made to part any casing, a complete report of the method used and results obtained must be included.

Davis Oil Company
Page 3
March 13, 1980

In the future, please obtain State approval prior to the commencement of plugging operations. Please submit a detailed account of the plugging operations on the above referenced well as outlined in Rule D-2.

Your cooperation in correcting this oversight as soon as possible will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

M. T. Minder

Michael T. Minder
Geological Engineer

MTM:btm

cc

DAVIS OIL COMPANY 410 - 17TH STREET, SUITE 1400
DENVER, COLORADO 80202
TELEPHONE: 303-623-1000

NEW YORK
NEW ORLEANS
HOUSTON
TULSA



March 18, 1980

RECEIVED

MAR 20 1980

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Pat
**DIVISION OF
OIL, GAS & MINING**

Re: #1 K.D. Federal
SE SW Sec. 10 T40S-R22E
San Juan County, Utah

Gentlemen:

Enclosed please find for your files, your requested number of copies of the Notice of Intention to Abandon, Subsequent Report of Abandonment, Well Completion Report and Geological Report on the above captioned well.

In reference to your letter dated March 13, 1980 all forms were sent to your office February 22, 1980, see attached letter.

This should complete your files on this well, however, should you have need of any additional information, please feel free to contact me.

Very truly yours,

DAVIS OIL COMPANY

Becky Creel
Geological Secretary

/bc

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other DRY HOLE

2. NAME OF OPERATOR
Davis Oil Company

3. ADDRESS OF OPERATOR
410 Seventeenth Street, Suite 1400, Denver, Co

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SE SW Sec. 10 T40S-R22E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: 1906' FWL & 547' FSL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input checked="" type="checkbox"/>	<input type="checkbox"/>
(other)	

5. LEASE
U-41695

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
—

7. UNIT AGREEMENT NAME
—

8. FARM OR LEASE NAME
K.D. Federal

9. WELL NO.
#1

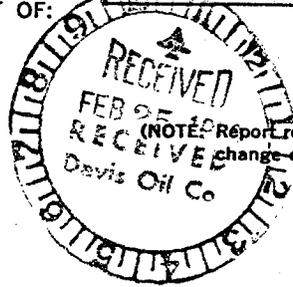
10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10 T40S-R22E

12. COUNTY OR PARISH | 13. STATE
San Juan | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4835' GR



17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As per verbal instructions by the U.S.G.S., the subject well will be plugged as follows:

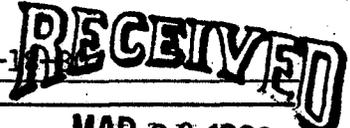
- 29 sxs. 6005-5905'
- 29 sxs. 5780-5680' *5780-5880*
- 29 sxs. 4594-4494' *4590-4650*
- 29 sxs. 3470-3370' *Drilling mud between plugs.*
- 29 sxs. 1630-1530' *3470-3570*
- 29 sxs. 710-610' *1630-1730*
- 29 sxs. 400' up in casing *710-810*
- 300-400*

The location will be cleared and leveled off, pits backfilled and a regulation dry hole marker will be erected. No significant shows were encountered.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Ed Lafaye TITLE Chief Geologist DATE 2-1-80



(This space for Federal or State office use)

APPROVED

MAR 20 1980

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

TITLE DATE

FEB 21 1980
Carl A. Barrick
CARL A. BARRICK
ACTING DISTRICT ENGINEER

Operator

*See Instructions on Reverse Side

DIVISION OF OIL, GAS & MINING
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

FILE IN TRIPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number K. D. FEDERAL #1

Operator Davis Oil Company Address 1424 Tenth Street Rock Springs, Wyo.

Contractor Cactus Address Farmington, N. M.

Location SE 1/4 SW 1/4 Sec. 10 T. 40 R. 22 County San Juan

Water Sands No fresh water pressure

	Depth		Volume	Quality
	From	To	Flow Rate or Head	Fresh or Salty
1.	5830	Desert Creek	W.B. 4000'	Salt
2.	5690	Ismay		Salt
3.				
4.				
5.				

(Continue on reverse side if necessary)

<u>Formation Tops</u>	Navajo S&S	762	DeChelly	2770
	Kayenta	1230	Honakeè Trail	4640
	Wingate	1328	Ismay upper	5581
	Chinle	1682	Lower Ismay	5690
	Shinarump	2595	Desert Creek	5830
			T.D.	5950'

RECEIVED

JUN 2 1980

Remarks

jw

DIVISION OF
OIL, GAS & MINING

NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.